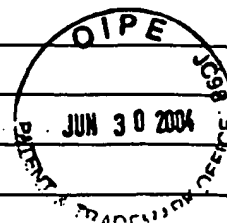


INFORMATION DISCLOSURE CITATION

Atty. Docket No.	03495.0304	Appln. No.	10/734,622
Applicant	Annick LIM et al.		
Filing Date	December 15, 2003	Group:	1645



U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

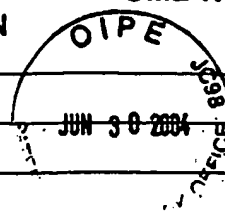
Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

DT	Arakawa et al., Requirement of the activation-induced deaminase (AID) gene for immunoglobulin gene conversion (2002). Science 295, 130 1-6
DT	Arstila et al., A direct estimate of the human $\alpha\beta$ T cell receptor diversity (1999). Science 286, 958-6 1
DT	Baron et al., The repertoires of circulating human CD8+ central and effector memory T cell subsets are largely distinct (2003). Immunity 18, 193-204
DT	Berek et al., Maturation of the immune response in germinal centers (1991). Cell 67, 1121-9
DT	Bollum, F. J., Terminal deoxynucleotidyl transferase: biological studies (1978). Adv Enzymol Relat Areas Mol Biol 47, 347-74
DT	Bousso et al., Individual variations in the murine T cell response to a specific peptide reflect variability in naïve repertoires (1998). Immunity 9, 169-78
DT	Cabaniols et al., Most $\alpha\beta$ T cell receptor diversity is due to terminal deoxynucleotidyl transferase (2001). J Exp Med 194, 13 85-90
DT	Casrouge et al., Size estimate of the $\alpha\beta$ TCR repertoire of naïve mouse splenocytes (2000). J Immunol 164, 5782-7
DT	Delassus et al., PCR-based analysis of the murine immunoglobulin heavy-chain repertoire (1995). J Immunol Methods 184, 219-29
DT	Even et al., T-cell repertoires in healthy and diseased human tissues analysed by T-cell receptor β -chain CDR3 size determination: evidence for oligoclonal expansions in tumours and inflammatory diseases (1995). Res Immunol 146, 65-80
DT	Gilfihlan et al., Mice lacking TdT: Mature animals with an immature lymphocyte repertoire (1993). Science 261, 1175-8
DT	Gojobori et al., Relative contributions of germline gene variation and somatic mutation to immunoglobulin diversity in the mouse (1986). Mol Biol Evol 3, 156-67

INFORMATION DISCLOSURE CITATION

OMB No. 0651-0011



Atty. Docket No.	03495.0304	Appln. No.	10/734,622
Applicant	Annick LIM et al.		
Filing Date	December 15, 2003	Group:	1645

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
DT	Honjo et al., Molecular mechanism of class switch recombination: Linkage with somatic hypermutation (2002) Annu Rev Immunol 20, 165-96
DT	Klein et al., Evidence for a large compartment of IgM-expressing memory B cells in humans (1997). Blood 89, 1288-98
DT	Klein et al., Human immunoglobulin (Ig) M+IgD+ peripheral blood B cells expressing the CD27 cell surface antigen carry somatically mutated variable region genes: CD27 as a general marker for somatically mutated (Memory) B cells (1998). J Exp Med 188, 1679-89
DT	Komori et al., Lack of N regions in antigen receptor variable region genes of TdT-deficient lymphocytes (1993). Science 261, 1171-5
DT	Lefranc et al., IMGT, the international immunogenetics database (1999). Nucleic Acids Res 27, 209-12
DT	LeMaoult et al., Clonal expansions of B lymphocytes in old mice (1997). J Immunol 159, 3 866-74
DT	Lim et al., Spread of clonal T-cell expansions in rheumatoid arthritis patients (1996). Hum Immunol 48, 77-83
DT	Lim et al., Combination of MHC-peptide multimer-based T cell sorting with the immunoscope permits sensitive ex vivo quantitation and follow-up of human CD8+ T cell immune responses (2002). J Immunol Methods 261, 177-94
DT	MacLennan et al, Antigen-driven selection of virgin and memory B cells (1986). Immunol Rev 91, 6 1-85
DT	Muramatsu et al., Class switch recombination and hypermutation require activation-induced cytidine deaminase (AID), a potential RNA editing enzyme (2000). Cell 102, 553-63
DT	Odendahi et al., disturbed peripheral B lymphocyte homeostasis in systemic lupus erythematosus (2000). J Immunol 165, 5970-9
DT	Oettinger et al., RAG-1 and RAG-2, adjacent genes that synergistically activate V(D)J recombination (1990). Science 248, 1517-23
DT	Okazaki et al., The AID enzyme induces class switch recombination in fibroblasts (2002). Nature 416, 340-5
DT	Pannetier et al., The sizes of the CDR3 hypervariable regions of the murine T-cell receptor β chains vary as a function of the recombined germ-line segments (1993). Proc Natl Acad Sci U S A 90, 43 19-23
DT	Pannetier et al., T-cell repertoire diversity and clonal expansions in normal and clinical samples (1995). Immunol Today 16, 176-8 1
DT	Peggs et al., Assessing diversity: Immune reconstitution and T-cell receptor BV spectratype analysis following stem cell transplantation (2003). Br J Haematol 120, 154-65
DT	Revy et al., Activation-induced cytidine deaminase (AID) deficiency causes the autosomal recessive form of the hyper-IgM syndrome (HIGM2) (2000). Cell 102, 565-75

INFORMATION DISCLOSURE CITATION

Atty. Docket No.	03495.0304	Appln. No.	10/734,622
Applicant	Annick LIM et al.		
Filing Date	December 15, 2003	Group:	1645

JUN 30 2004

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
DT	Reynaud et al., A hyperconversion mechanism generates the chicken light chain preimmune repertoire (1987). Cell 48, 379-88
DT	Schatz et al., The V(D)J recombination activating gene, RAG-1 (1989). Cell 59, 1035-48
DT	Schittek et al., Natural occurrence and origin of somatically mutated memory B cells in mice (1992). J Exp Med 176, 427-38
DT	Thompson et al., Somatic diversification of the chicken immunoglobulin light chain gene is limited to the rearranged variable gene segment (1987). Cell 48, 369-78
DT	Tuaillon et al., Evidence that terminal deoxynucleotidyltransferase expression plays a role in Ig heavy chain gene segment utilization (2000). J Immunol 164, 6387-97
DT	Wack et al., An improved PCR-heteroduplex method permits high-sensitivity detection of clonal expansions in complex T cell populations (1996). J Immunol Methods 196, 181-92
DT	Wagner et al., Perturbation of the T cell repertoire in rheumatoid arthritis (1998). Proc Natl. Acad Sci U S A 95, 14447-52
DT	Wedderburn et al., Molecular fingerprinting reveals non-overlapping T cell oligoclonality between an inflamed site and peripheral blood (1999). Tnt Immunol 11, 535-43
DT	Williams et al., The contribution of somatic hypermutation to the diversity of serum immunoglobulin: Dramatic increase with age (2000). Immunity 13, 409-17
DT	Wu et al., Immunoglobulin somatic hypermutation: Double-strand DNA breaks, AID and error-prone DNA repair (2003). J Clin Immunol 23, 23 5-46
DT	Yoshikawa et al., AID enzyme-induced hypermutation in an actively transcribed gene in fibroblasts (2002). Science 296, 2033-6
DT	Zing et al., Cloning of size-selected human immunoglobulin heavy-chain rearrangements from third complementarity-determining region fingerprint profiles (1996). Biotechniques 20, 78-82, 84, 86-7
Examiner	/David Thomas/
Date Considered	12/19/2006
*Examiner:	Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
Form PTO 1449	
Patent and Trademark Office - U.S. Department of Commerce	